PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION **TRANSMITTAL**

3135-24 Attorney Docket No. O'Connor First Inventor Improved injection molded centrifugal air impeller Title EU8025071851161

(Only for new nonprovisional applications under 37 CFR 1.53(b))

		Express Wall Label No. 10 000 000 113 3 23				
See MPEP	APPLICATION ELEMENTS chapter 600 concerning utility patent application contents.	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450				
2. Submi Applic See 3 3. Specif (prefer - Desc - Cross	ransmittal Form (e.g., PTO/SB/17) It an original and a duplicate for fee processing) ant claims small entity status. 7 CFR 1.27. ication [Total Pages] iptive title of the invention Reference to Related Applications	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies				
- Refer or a c - Back	ment Regarding Fed sponsored R & D ence to sequence listing, a table, omputer program listing appendix ground of the Invention					
- Brief	Summary of the Invention Description of the Drawings (if filed) led Description					
- Claim	u(s) act of the Disclosure	ACCOMPANYING APPLICATION PARTS				
4. Drawin 5. Oath or Dec	ng(s) (35 U.S.C. 113) [Total Sheets]	9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS				
(foi i.□	py from a prior application (37 CFR 1.63(d)) continuation/divisional with Box 18 completed) DELETION OF INVENTOR(S)	Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s)				
	Signed statement attached deleting Inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	(if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35				
6. Application Data Sheet. See 37 CFR 1.76 17. Or its equivalent. Other:						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:						
Continuation Divisional Continuation-In-part (CIP) of prior application No.:						
Prior application information: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
	19. CORRESPON	DENCE ADDRESS				
Custom	ner Number:	OR Correspondence address below				
Name	Russel H. Marvin					
Address	Torrington Research Com 89 Commercial Boulevard	pany				
City	Torrington	State Connecticut Zip Code 06790				
Country		00,30				
Name (Print/Ty)	nol i	Registration No. (Attorney/Agent)				
Signature Off Mary In						
This collection of	information is societed by 27 CED 4 63(b). The information is					

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

•	7	\leq
3	Ξ	=
5	-	Ē
	_	^

PTO/SB/17 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 375.00

Complete if Known					
Application Number	·				
Filing Date	October 31, 2003				
First Named Inventor	O'Connor				
Examiner Name					
Art Unit					
Attorney Docket No.	3135_24				

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
Check Credit card Money Other None	TIONAL FEES						
Deposit Account: Ck#8709							
Deposit	Fee. Fee Code (\$)	Fee Fee Fee Description					
Account Number	Code (\$) 1051 130	Fee Paid					
Deposit	1051 150	and the same same same same same same same sam					
Account Name	1032 30	2052 25 Surcharge - late provisional filing fee or cover sheet					
The Director is authorized to: (check all that apply)	1053 130	The state of the s					
Charge fee(s) indicated below Credit any overpayments	1812 2,520						
Charge any additional fee(s) during the pendency of this application	1804 926	1804 920* Requesting publication of SIR prior to Examiner action					
Charge fee(s) indicated below, except for the filing fee	1805 1,840						
to the above-identified deposit account.		Examiner action 4					
FEE CALCULATION	1251 110						
1. BASIC FILING FEE	1252 410						
Large Entity Small Entity Fee Fee Fee Fee Pescription Fee Paid	1253 930	iso amonoismon topiy within thind month					
Code (\$) Code (\$)	1254 1,450	Extension for reply within fourth month					
1001 750 2001 375 Utility filing fee 3.75	1255 1,970	2255 985 Extension for reply within fifth month					
1002 330 2002 165 Design filing fee	1401 320	2401 160 Notice of Appeal					
1003 520 2003 260 Plant filing fee	1402 320	2402 160 Filing a brief in support of an appeal					
1004 750 2004 375 Reissue filing fee	1403 280	2403 140 Request for oral hearing					
1005 160 2005 80 Provisional filing fee	1451 1,510	1451 1,510 Petition to institute a public use proceeding					
SUBTOTAL (1) (\$) 375.00	1452 110	2452 55 Petition to revive - unavoidable					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,300	The state of the s					
Fee from	1501 1,300	100 (0) (0) (0)					
Extra Claims below Fee Paid Total Claims 10 -20** = 0 x 0 = 0	1502 470	200 Dosigii isada ice					
Independent Slaims - 3** = X = X	1503 630						
Multiple Dependent	1460 130	The Total State of the Continues and the Continu					
Large Entity Small Entity	1807 50	TO THE STATE OF TH					
Fee Fee Fee Fee Description	1806 180	The state of the s					
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	8021 40	8021 40 Recording each patent assignment per property (times number of properties)					
1201 84 2201 42 Independent claims in excess of 3	1809 750	2809 375 Filing a submission after final rejection					
1203 280 2203 140 Multiple dependent claim, if not paid	4040	(37 CFR 1.129(a))					
1204 84 2204 42 ** Reissue independent claims	1810 750	2810 375 For each additional invention to be examined (37 CFR 1.129(b))					
over original patent	1801 750						
1205 18 2205 9 ** Reissue claims in excess of 20	1802 900	1802 900 Request for expedited examination					
and over original patent	Other for t	of a design application					
SUBTOTAL (2) (\$) 0	-	Other fee (specify)					
**or number previously paid, if greater, For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)							

SUBMITTED BY		(Complete (if applicable))		
Name (Print/Type)	Russel H. Marvin	Registration No.		e 860-489-0489
Signature Rusel AMery		Date	10/31/2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.